

Preliminary Classification:

Proposed Class: 175

Subclass: 45

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Arthur F. Kuckes

For (title): Two Solenoid Guide System for Horizontal Boreholes

1. Type of Application

This application is for a divisional.

2. Benefit of Prior U.S. Application (35 U.S.C. §§ 119(e), 120, or 121)

The new application being transmitted claims the benefit of prior U.S. application No. 10/114,280, filed April 3, 2002

3. Papers Enclosed

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

22 Page(s) of Specification

2 Page(s) of Claims

11 Sheet(s) of Drawing(s)--Informal

B. Other Papers Enclosed

3 Page(s) of declaration and power of attorney

1 Page(s) of abstract

4. Additional Papers Enclosed

Preliminary Amendment cancelling in this application claims 2-14 before calculating the filing fee.

Information Disclosure Statement (37 C.F.R. § 1.98)

Form PTO-1449 (PTO/SB/08A and 08B)

Submission of 9 sheets of formal drawings

5. Declaration or Oath

Enclosed

Executed by: inventor.

6. Inventorship Statement

The inventorship for all the claims in this application is the same.

7. Language

English

8. Fee Calculation (37 C.F.R. § 1.16)

Regular Application

| CLAIMS AS FILED | | | | | | | | | |
|--|--------------|---|--------------|---|------|------|--|------|------|
| | Number Filed | | Number Extra | | Rate | | Basic Fee 37 C.F.R. § 1.16(a) 750.00 | | |
| Total Claims (37 C.F.R. § 1.16(c)) | 19 | – | 20 | = | 0 | x \$ | 18.00 | = \$ | 0.00 |
| Independent Claims (37 C.F.R. § 1.16(b)) | 3 | – | 3 | = | 0 | x \$ | 84.00 | = \$ | 0.00 |
| Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d)) | | | | | | + \$ | 280.00 | = \$ | 0.00 |

Amendment cancelling extra claims is enclosed.

Filing Fee Calculation

\$750.00

9. Assertion of Small Entity Status

Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.

Status as a small entity was asserted in the prior application 10/114,280 filed on April 3, 2002 from which benefit is being claimed for this application under 35 U.S.C. § 120 and which status as a small entity is still proper and asserted for this application.

| | |
|--|-----------------|
| Filing Fee Calculation (50% of above Filing Fee Calculation) | <u>\$375.00</u> |
|--|-----------------|

10. Fee Payment Being Made at This Time

Enclosed

| | |
|------------|----------|
| Filing Fee | \$375.00 |
|------------|----------|

| | |
|----------------------------|-----------------|
| Total Fees Enclosed | \$375.00 |
|----------------------------|-----------------|

11. Method of Payment of Fees

Attached is a check in the amount of \$375.00.

Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

12. Authorization to Charge Additional Fees

The Office is hereby authorized to charge, in the manner shown above, the following additional fees that may be required by this paper and during the entire pendency of this application.

37 C.F.R. § 1.16(a), (f) or (g) (filing fees)

37 C.F.R. § 1.16(b), (c) or (d) (presentation of extra claims)

37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a))

37 C.F.R. § 1.17 (application processing fees)

13. Instructions as to Overpayment

Credit Account No. 10-1213.

14. Relate Back

Amend the specification by inserting, before the first line following the title, the following sentence:

"This application is a divisional of copending

Application Number 10/114,280 filed on April 3, 2002."

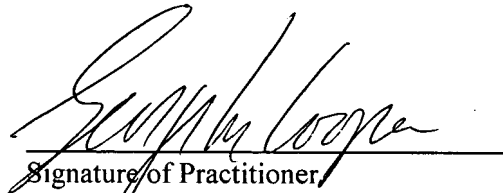
Date:

August 28, 2003

Reg. No.: 20201

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Signature of Practitioner

George M. Cooper

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Arlington, VA 22202

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
)
Arthur F. Kuckes)
)
Application No.: To Be Assigned)
Div. of 10/114,280)
)
Filed: Even Date Herewith)
)
For: TWO SOLENOID GUIDE SYSTEM)
FOR HORIZONTAL BOREHOLES)


SUBMISSION OF FORMAL DDRAWINGS

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed are nine (9) sheets of formal drawings for the subject application. Entry is requested.

Respectfully submitted,

By: 
George M. Cooper
Reg. No. 20,201

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